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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re United States Patent Application of:

Applicants: ARNO, Jose I.

Application No.: 10/731,355

Date Filed: December 9, 2003

Title: **INFRARED THERMOPILE
 DETECTOR SYSTEM FOR
 SEMICONDUCTOR
 PROCESS MONITORING
 AND CONTROL**

Docket No.: 2771-567-DIV-CON3

Conf. No.: 3545

Art Unit: 2812

Examiner: Andre C. Stevenson

Customer No.:

25559

FACSIMILE TRANSMISSION CERTIFICATE

ATTN: Examiner Andre C. Stevenson

Fax No. (571) 273-8300

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12 Pages

Number of Pages (including cover)

Ajay S. Pathak
 Ajay S. Pathak

4/14/06

April 14, 2006

Date

**AMENDMENT AND RESPONSE TO FEBRUARY 21, 2006 FINAL OFFICE ACTION IN
 U.S. PATENT APPLICATION NO. 10/731,355**

Mail Stop AF
 Commissioner for Patents
 P.O. Box 1450
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Sir:

In response to the February 21, 2006 Final Office Action, please consider and enter this Amendment and Response into the file of the above-identified application.

04/17/2006 MBINAS 00000038 10731355

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Please amend the claims of the application as set out in the following **Section I (Amendments to the Claims and Listing of Claims)** beginning at page 3.

Remarks addressing the substance of the February 21, 2006 Final Office Action are set out in the **Section II (Remarks)** beginning at page 5 hereof.

THE REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK

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